

TRW



500.40274X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): T. AKIYAMA, et al

Serial No.: 09/884,091

Filed: June 20, 2001

For: DIGITAL MODULATION TYPE SIGNAL TRANSMISSION APPARATUS AND METHOD OF DISPLAYING RECEIVED SIGNAL IN THE SIGNAL TRANSMISSION APPARATUS

Group: 2637

Examiner: B. L. Deppe

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

MS Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

June 6, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR §1.97(e):

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (500.40274X00) please credit any excess fees to such deposit account.

Respectfully submitted,



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CIB/jdc
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. 500.40274X00	SERIAL NO. 09/884,091
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
(Use several sheets if necessary)		
APPLICANT T. AKIYAMA, et al		
FILING DATE June 20, 2001		
GROUP 2637		

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Y. Murakami, et al "A New Design of Pilot Symbol in 16QAM Channels", IEEE 51st Vehicular Technology Conference Proceedings, Tokyo, Japan, vol. 3 of 3, Conf. 51, May 15, 2000, pp. 2064-2068.
	"Digital Video Broadcasting (DVB)", European Standard (Telecommunication Series), ETSI EN 300 744, March 1997, pp. 25-34.

EXAMINER _____ **DATE CONSIDERED** _____

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])